



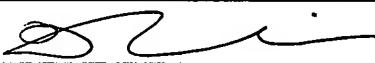
# TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> <small>(To be used for all correspondence after initial filing)</small>		Application Number	10/758,608
		Filing Date	January 14, 2004
		First Named Inventor	Lo, Thomas Ying-Ching
		Art Unit	3762
		Examiner Name	To Be Assigned
Total Number of Pages in This Submission	7	Attorney Docket Number	017886-000810US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (2 pgs) w/attached PTO/SB/08A (2 pgs), and PTO/SB/08B (1 pg) (citing refs 1-41) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Return Postcard; and 2. A copy of each of 41 references.
<input type="checkbox"/> Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
<i>* Note: References not included in the total number of pages above.</i>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP Kent J. Tobin	
Signature		
Date	5/14/04	

## CERTIFICATE OF TRANSMISSION/MAILING

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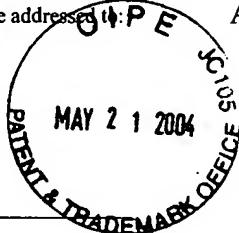
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On 5-18-04

**PATENT**  
Attorney Docket No.: 017886-000810US



TOWNSEND and TOWNSEND and CREW LLP

By: Edward Masinas

Edward Masinas

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Thomas Ying-Ching Lo et al.

Application No.: 10/758,608

Filed: January 14, 2004

For: ULTRASONIC MONITOR FOR  
MEASURING HEART AND PULSE  
RATES

Examiner: To Be Assigned

Art Unit: 3762

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Kent J. Tobin  
Reg. No. 39,496

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60196132 v1



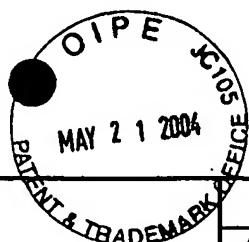
Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/758,608
				Filing Date	January 14, 2004
				First Named Inventor	Lo, Thomas Ying-Ching
				Art Unit	3762
				Examiner Name	To Be Assigned
Sheet	1	of	3	Attorney Docket Number	017886-000810US

<b>U.S. PATENT DOCUMENTS+</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US 3,978,849	09-07-1976	Geneen	
	2	US 4,083,366	04-11-1978	Gombrich et al.	
	3	US 4,086,916	05-02-1978	Freeman et al.	
	4	US 4,163,447	08-07-1979	Orr	
	5	US 4,239,048	12-16-1980	Steuer	
	6	US 4,256,117	03-17-1981	Perica et al.	
	7	US 4,357,944	11-09-1982	Mauser et al.	
	8	US 5,130,955	07-14-1992	Luerker et al.	
	9	US 5,136,621	08-04-1992	Mitchell et al.	
	10	US 5,197,489	03-30-1993	Conlan	
	11	US 5,243,992	04-14-1993	Eckerle et al.	
	12	US 5,265,614	11-30-1993	Hayakawa et al.	
	13	US 5,431,170	07-11-1995	Mathews	
	14	US 5,474,072	12-12-1995	Shmulewitz	
	15	US 5,494,038	02-27-1996	Wang et al.	
	16	US 5,738,104	04-14-1998	Lo et al.	
	17	US 5,795,300	08-18-1998	Bryars	
	18	US 5,807,267	09-15-1998	Bryars et al.	
	19	US 5,810,736	09-22-1998	Pail	
	20	US 5,876,350	03-02-1999	Lo et al.	
	21	US 5,941,837	08-24-1999	Amano et al.	
	22	US 5,960,089	09-28-1999	Bouricius et al.	
	23	US 6,080,111	06-22-2000	Pao-Lang	
	24	US 6,156,842	12-05-2000	Hoenig et al.	
	25	US 6,364,842 B1	04-02-2002	Amano et al.	
	26	US 6,371,920 B1	04-16-2002	Kamimoto et al.	
	27	US 6,394,960 B1	05-28-2002	Shinogi et al.	
	28	US 6,447,456 B1	09-10-2002	Tsubata	
	29	US 6,623,435 B1	09-23-2003	Tsubata	
	30	US 2001/0056243 A1	12-27-2001	Ohsaki et al.	
	31	US 2002/0151810 A1	10-17-2002	Wong et al.	

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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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(use as many sheets as necessary)			Filing Date	January 14, 2004	
Sheet	2	of	3	First Named Inventor	Lo, Thomas Ying-Ching
				Art Unit	3762
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<b>U.S. PATENT DOCUMENTS+</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	32	US 2002/0019586 A1	02-14-2002	Teller et al.	

<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		
	33	PCT	WO/97/17015	A1	05-15-1997	<input type="checkbox"/>
	34	EP	0861045	B1	08-28-2002	<input type="checkbox"/>
	35	JP	60-154793		08-14-1985	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/758,608
<i>(use as many sheets as necessary)</i>				Filing Date	January 14, 2004
				First Named Inventor	Lo, Thomas Ying-Ching
				Art Unit	3762
				Examiner Name	To Be Assigned
Sheet 3		of 3	Attorney Docket Number 017886-000810US		

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	36	ARITOMO et al., "A wrist-mounted activity and pulse recording system", Proc. of 1st Joint BMES/EMBS Conf. 2:693 (1999)		
	37	DUPUIS et al, Combined Detection of Respiratory and Cardiac Rhythm Disorders by High-Resolution Differential Cuff Pressure Measurement, IEEE Transaction on Instrumentation & Measurement, 49:498-502 (2000)		
	38	GAGNADRE et al., Fibre Optic Sensor for Physiological Parameters, Electronic Letters, 34:1991-1993 (1998)		
	39	HERTZMAN, "Photoelectric Plethysmography of the fingers and toes in man", Proceedings of the Society for Experimental Biology and Medicine 37:1622-1637 (1937).		
	40	IM et al, A Study for the Development of a Noninvasive Continuous Blood Pressure Measuring System by Analyzing Radial Artery Pulse from a Wrist, IEEE-EMBC & CMBEC, 2:1033-1034 (1995)		
	41	TAMURA et al., The Design of an Ambulatory Physical Activity Monitor and Its Application to the Daily Activity of the Elderly, IEEE-EMBC & CMBEC, 2:1033-1034 (1995).		

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